# STIC Search Report EIC 3600

Scientific and Technical Information Center

| | |
|---|---|
| **To: Kenneth Bartley**<br>Location: KNX 5B49<br>Art Unit: 3693<br>Date: 3/4/2010<br>Case Serial Number: 10/749,697 | **From: Christian Miner**<br>Location: EIC3600<br>KNX 4B68<br>Phone: (571) 272-3010<br>christian.miner@uspto.gov |

## Search Notes

Dear Examiner Bartley:

Please find attached the results of your search for the above-referenced case. The search was conducted in Dialog, Proquest, and EBSCOhost.

I have listed *potential* references of interest in the first part of the search results. However, please be sure to scan through the entire report. There may be additional references that you might find useful.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

# I. Potential References of Interest

## A. Dialog

```
26/3K/1
DIALOG(R)File 348: EUROPEAN PATENTS
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(Item 1 from file: 348)
02358959
```

**Method and system of implementing recorded data for automating internet interactions**

**Patent Assignee:**

- **America Online, Inc.** (2363220)
  22000 AOL Way; Dulles, VA 20166
- (US)
  (Applicant designated States: all)

**Inventor:**

- **Rawat, Jai**
  471 Acalanes Drive, Apt. 46; SunnyvaleCA 94087;
- (US)
- 
- **Palnitkar, Samir**
  471 Acalanes Drive 18; SunnyvaleCA 94086;
- (US)

**Legal Representative:**

- **Gosnall, Toby (93801)**
  Barker Brettell 138 Hagley Road Edgbaston;
- Birmingham B16 9PW; (GB)

| Country | Number | Kind | Date |
| --- | --- | --- | --- |

|  | Country | Number | Kind | Date |  |
|--------|---------|-----------|------|----------|---------|
| Patent | EP | 1852784 | A2 | 20071107 | (Basic) |
| Application | EP | 2007003187 | | 20010427 | |
| Priorities | US | 561449 | | 20000428 | |

**Designated States:**
AT; BE; CH; CY; DE; DK;

ES; FI; FR; GB;
GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

**Related Parent Numbers: Patent (Application):** EP

1279116 (EP 2001932653)

| International Classification (Version 8) IPC | Level | Value | Position | Status | Version | Action | Source | Office |
|---------------------------------------------|-------|-------|----------|--------|----------|----------|--------|--------|
| G06F-0017/24 | A | I | F | B | 20060101 | 20071001 | H | EP |
| G06F-0017/30 | A | I | L | B | 20060101 | 20071001 | H | EP |

**Abstract Word Count:** 74
**NOTE:**
**Figure number on first page:** 2

**Language** Publication: English
Procedural:　　　　English
Application:　　　　English

| Fulltext Availability Available Text | Language | Update | Word Count |
|--------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200745 | 1762 |
| SPEC A | (English) | 200745 | 11447 |
| Total Word Count (Document A) 13209 | | | |
| Total Word Count (Document B) 0 | | | |
| Total Word Count (All Documents) 13209 | | | |

**Specification:** ...example, as is illustrated in Fig. 2, the user need only login once, to the central server 299, during a particular Web browsing session; subsequent **form** filling and login **procedures** at various other sites require little or no interaction on the part of the user.

Data transmission interactions are represented by the arrows in Fig. 2. With respect to **form** filling or registration **procedures,** for example, the central server

299 may handle all **data** entry, **completing forms automatically**; the **user** need only
review the **information** for accuracy and submit the completed form. With respect to
subsequent login procedures for registered accounts at other Web servers such as
221-225, the...


26/3K/6 (Item 1 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT
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01116741


**SYSTEM AND METHOD FOR AUTOMATICALLY LAUNCHING AND ACCESSING NETWORK ADDRESSES AND
APPLICATIONS**


**Patent Applicant/Inventor:**

- **EXPERTON Bettina**
  540 Tewa Street, Del Mar, CA 92014; US;
- US(Residence); US(Nationality)


**Legal Representative:**


- **PEARCE Jeffrey (agent)**
  34825 Sultan-Startup Road, Sultan, WA
- 98294; US


|            | Country | Number      | Kind  | Date     |
| ---------- | ------- | ----------- | ----- | -------- |
| Patent     | WO      | 200438563   | A2-A3 | 20040506 |
| Application | WO     | 2003US34012 |       | 20031024 |
| Priorities | US      | 2002421622  |       | 20021025 |

**Designated States:**
(Protection type is "Patent" unless otherwise stated - for applications
prior to 2004)
AT, AU, BG, BR, BY, CA, CH, CN, CZ, DE,
DK, EE, ES, FI,
GB, HU, IL, IN, JP, KR,
LT, LU, LV, MX, NO, NZ, PL, PT, RO, RU,
SE, SG,
SK, TR, UA, US, ZA

**[EP]** AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;

FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;
PT; RO; SE; SI; SK; TR;

**[EA]** AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Language** Publication Language: English
Filing Language:                English
Fulltext word count:            7131

**Detailed Description:**

...Resource Locators, that is, URLs, any access and authentication data required,
etc.) are stored with or on the local computing device. In this embodiment, the
**automatic** login feature may be performed by field **detection, matching** (or
downloading of login information from a remote server or even from a locally stored
file) and filling of data in the **fields,** and by **automatically sending user** entry
events, e.g., the "Enter" keystroke or a computer mouse click.

26/3K/8 (Item 3 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT
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01018992

**DISTRIBUTED NETWORK IDENTITY**

**Patent Applicant/Patent Assignee:**

- **SUN MICROSYSTEMS INC**
  4120 Network Circle, MS SCA 12-203, Santa
- Clara, CA 95054; US; US(Residence); US(Nationality)

**Inventor(s):**

- **YARED Peter***
-

- ELLISON Gary*
- 
- HAPNER MARK*
- 
- ABRAHAMS Larry *
- 
- FINKELSTEIN Shel *
- 
- STERN Hal *
- 
- BEATTY John D *
- 
- RANGANTHAM Aravindan *
- 
- ALLAVURPU Sai *

**Legal Representative:**

- BROWN Richard E (agent)
  Fenwick & West LLP, Two Palo Alto
- Square, Palo Alto, CA 94306(et al); US

|  | Country | Number | Kind | Date |
|---|---|---|---|---|
| Patent | WO | 200349000 | A1 | 20030612 |
| Application | WO | 2002US38575 |  | 20021204 |
| Priorities | US | 2001337234 |  | 20011204 |
|  | US | 2001339536 |  | 20011210 |
|  | US | 2002365943 |  | 20020319 |

**Designated States:**
(Protection type is "Patent" unless otherwise stated – for applications
prior to 2004)
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,
BR, BY, BZ, CA,
CH, CN, CO, CR, CU, CZ,
DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD,
GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP,
KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,

LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NO, NZ, OM, PH, PL, PT, RO, RU,
SD, SE,
SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,
UG, UZ, VN, YU, ZA, ZM,

ZW

**[EP]** AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT;
SE; SI; SK; TR;

**[OA]** BF; BJ; CF;
CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

**[AP]** GH;
GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZM; ZW;

**[EA]** AM; AZ;
BY; KG; KZ; MD; RU; TJ; TM;

**Language** Publication Language: English

Filing Language:                English

Fulltext word count:            13762

**Claims:**

The present invention may be embodied in many **different forms** and should not be
construed as limited to the embodiments set forth herein. Rather these embodiments
are provided so that this disclosure will be thorough...
profile data at the identity provider securely stores commonly used personal
information. In a merchant service provider example, the personal information can
be used to **fill out** an order **form automatically. User** profile **data** can also include
credit card and billing information (e.g., wallet services) that would facilitate
express purchases. In a single sign-on environment, a user...

27/3,K/4 (Item 4 from file: 20)
DIALOG(R)File 20: Dialog
Global Reporter
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reserved.

06069217 **(USE FORMAT 7 OR 9 FOR
FULLTEXT)**
**Micro System Designs Launches Maxlock.com**
**Division to Increase Focus On Its Internet Browsing Tools and Computer Security
Products**

BUSINESS WIRE

July 06, 1999
**Journal Code:** WBWE

**Language:** English    **Record Type:** FULLTEXT
**Word Count:**
651

(USE
FORMAT 7 OR 9 FOR FULLTEXT)
...ZDNet as well as a five-star rating from ReviewNow.com.
    --WebFormFill, which works seamlessly and securely with any Internet shopping
site by analyzing each **form** and **automatically filling in user** shipping and billing
**information**.
    --Password Bank, which securely stores passwords and prints them out in a
variety of convenient formats.
    --Device Control, a product that gives access to a...

**Dialog eLink:** Order File History
15/5/1 (Item 1 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0018785966 *Drawing available*
WPI Acc no: 2009-F60922/200919
**Electronic form processing method e.g. for purchase form, involves updating set of descriptors such that identifier
corresponding to identified descriptor is included in set of identifiers**
Patent Assignee: AGIS NETWORK INC (AGIS-N)
Inventor: ODONNELL S; O'DONNELL S

| Patent Family ( 1 patents, 1 countries ) | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Patent Number** | **Kind** | **Date** | **Application Number** | **Kind** | **Date** | **Update** | **Type** |
| US 7500178 | B1 | 20090303 | US 2003660950 | A | 20030911 | 200919 | B |

Priority Applications (no., kind, date): US 2003660950 A 20030911

**Alerting Abstract** US B1
NOVELTY - An electronic form is displayed such that first value associated with first identifier is displayed in first field of
form. A descriptor associated with a field that does not have a corresponding identifier in the set of identifiers, is identified.
The set of descriptors is updated such that an identifier corresponding to the descriptor is included in the set of identifiers and
second value is associated with identifier corresponding to the descriptor. The **user information** is updated such that third
value entered in first field is associated with first identifier.
DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. computer program product for processing electronic form; and
2. system for processing electronic form.

USE - Method for processing electronic form e.g. purchase form, credit card information form, etc.
ADVANTAGE - The **fields** of electronic form for a **user** can be filled automatically and the amount of information to be
entered on electronic form by user can be reduced.
DESCRIPTION OF DRAWINGS - The drawing shows a flowchart explaining the process of displaying or rendering
electronic form.
502 Step for receiving signal to display electronic form
504 Step for identifying electronic form to be displayed
506 Step for accessing information stored for electronic form

508 Step for determining field names associated with fields included in electronic form
512 **User information** accessing step

**Title Terms** /Index Terms/Additional Words: ELECTRONIC; FORM; PROCESS; METHOD; PURCHASE; UPDATE; SET; DESCRIBE; IDENTIFY; CORRESPOND

0013242488 *Drawing available*
WPI Acc no: 2003-327635/200331
Related WPI Acc No: 2001-536095
XRPX Acc No: N2003-261916
**Online form filling method involves decoding location identifier, form location, user identifier at selective proxy server which requests online form from form-originating server for processing**
Patent Assignee: INFOSPACE INC (INFO-N)
Inventor: MARKUS M A

| Patent Family ( 1 patents, 1 countries ) | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Patent Number** | **Kind** | **Date** | **Application Number** | **Kind** | **Date** | **Update** | **Type** |
| US 6499042 | B1 | 20021224 | US 1998103379 | P | 19981007 | 200331 | B |
| | | | US 1999411478 | A | 19991001 | | |

Priority Applications (no., kind, date): US 1998103379 P 19981007; US 1999411478 A 19991001

**Alerting Abstract** US B1
NOVELTY - The location identifier such as URL of a form-originating server, a form location and a user identifier received from a client, is decoded at a selective proxy server which requests the form-originating server to provide the online form. **Data** associated with **user** is inserted into the **fields** identified from the form by parsing the form, using user identifier after which the online form is transmitted to the client.
DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

1. selective proxy server;
2. electronic form processing method;
3. computer readable medium storing electronic form processing program; and
4. computer system for processing electronic form.

USE - For **automatically** filling **in** electronic form online with **user's** personal **data**.
ADVANTAGE - By using the selective proxy approach to fill in documents containing form elements, the documents forms are filled without the need for upgrading document browser and document server software modules, hence allows an entity to automatically **release** personal data to **other** entities connected through computer network.
DESCRIPTION OF DRAWINGS - The figure shows the sequence diagram of the software components in which the selective proxy form filling process is executed to accomplish a form autofill.

**Title Terms** /Index Terms/Additional Words: FORM; FILL; METHOD; DECODE; LOCATE; IDENTIFY ; USER; SELECT; SERVE; REQUEST; ORIGIN; PROCESS

0010999900 *Drawing available*
WPI Acc no: 2001-625039/200172
XRPX Acc No: N2001-465799
**InfoID portal development for dynamic sharing of personal and business information over computer network, involves generating home page where user logs into infoID portal with various links**
Patent Assignee: GUAN F (GUAN-I)
Inventor: GUAN F

| Patent Family ( 1 patents, 1 countries ) | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Patent Number** | **Kind** | **Date** | **Application Number** | **Kind** | **Date** | **Update** | **Type** |
| US 20010027472 | A1 | 20011004 | US 2000192722 | P | 20000327 | 200172 | B |
| | | | US 2000227812 | P | 20000825 | | |
| | | | US 2001817875 | A | 20010326 | | |

Priority Applications (no., kind, date): US 2000192722 P 20000327; US 2000227812 P 20000825; US 2001817875 A 20010326

| Patent Details | | | | | |
|---|---|---|---|---|---|
| **Patent Number** | **Kind** | **Lan** | **Pgs** | **Draw** | **Filing Notes** |
| US 20010027472 | A1 | EN | 13 | 3 | Related to Provisional US 2000192722 |
| | | | | | Related to Provisional US 2000227812 |

**Alerting Abstract** US A1
NOVELTY - The method involves generating a home page where a user logs in to the infoID portal with various links to web pages that are relevant to the specific **dynamic** information **sharing** services and functions. A registration link among various links, allows the user to register with portal.
DESCRIPTION - Some of the **dynamic** information **sharing** services are personal information, E-business card, emergency information, instant electronic mail, pet ID, etc., and functions are search, view information, request status, access control, etc. INDEPENDENT CLAIMS are also included for the following:

    A.  Computer system;
    B.  Computer program;
    C.  Desktop application developing method;
    D.  Wireless hand-held device developing method

USE - For **dynamic sharing** of personal and business information over computer network such as **Internet**.
ADVANTAGE - By operating a home page with various links, user is enabled to create or update the **information** and use the **information** multiple times without re-entering the data, hence **dynamic sharing** of current information is enabled.
DESCRIPTION OF DRAWINGS - The figure shows the schematic block diagram of web site architecture.

**Title Terms** /Index Terms/Additional Words: PORTAL; DEVELOP; DYNAMIC; SHARE; PERSON; BUSINESS; INFORMATION; COMPUTER; NETWORK; GENERATE; HOME; PAGE; USER; LOG; VARIOUS; LINK

B. Additional Resources Searched

Financial Times FullText (via ProQuest): No relevant results.

Internet & Personal Computing Abstracts (via EBSCOhost): No relevant results.

## II. Inventor Search Results from Dialog

0015155264 *Drawing available*
WPI Acc no: 2005-504844/200551
XRPX Acc No: N2005-411955
**Online application processing method for opening new financial account, involves transmitting shorter new account application with fewer fields than standard application to customer in response to customer existing indication**
Patent Assignee: BERLIN S K (BERL-I); BERTUCCI R L (BERT-I); GLENN G A (GLEN-I); KHANDROS Y (KHAN-I); MIRANDA L (MIRA-I); OKERLUND R (OKER-I)
Inventor: **BERLIN S K; BERTUCCI R L; GLENN G A; KHANDROS Y ; MIRANDA L; OKERLUND R**

| Patent Family ( 1 patents, 1 countries ) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
| US 20050144101 | A1 | 20050630 | US 2003749697 | A | 20031231 | 200551 | B |

Priority Applications (no., kind, date): US 2003749697 A 20031231

**Alerting Abstract US A1**
NOVELTY - A standard new account application including a multiple of fields for entering personal identification and financial **information** of a **customer**, is transmitted to the customer from a financial institution. In response to an indication that the customer is an existing customer, a shorter new account application including a fewer number of fields than the standard application, is transmitted to the customer.
DESCRIPTION - An INDEPENDENT CLAIM is also included for an online account opening method.
USE - For processing online application for opening new financial account such as credit card account in financial institution.
ADVANTAGE - Increases customer acquisitions without a need for increased solicitation and without increasing the possibility of fraud by those seeking to obtain a new account.
DESCRIPTION OF DRAWINGS - The figure shows the flowchart for the account opening process.

**Title Terms** /Index Terms/Additional Words: APPLY; PROCESS; METHOD; OPEN; NEW; FINANCIAL ; ACCOUNT; TRANSMIT; SHORT; FIELD; STANDARD; CUSTOMER; RESPOND; EXIST; INDICATE

0014363386 *Drawing available*
WPI Acc no: 2004-552080/200453
Related WPI Acc No: 2003-147761; 2003-156276
XRPX Acc No: N2004-436751
**E-acquisition system for multiple client product and service e.g. travel service, has worker utility invoked by handler to process event request, when dispatcher and handler receives event requests**
Patent Assignee: BERLIN S (BERL-I); CHOW C (CHOW-I); DEMIRKAYA C (DEMI-I); GLENN G (GLEN-I); KEJRIWAL M K (KEJR-I); STOXEN P (STOX-I)
Inventor: **BERLIN S**; CHOW C; DEMIRKAYA C; **GLENN G**; KEJRIWAL M K; STOXEN P

| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
|---|---|---|---|---|---|---|---|
| US 20040133460 | A1 | 20040708 | US 2001268538 | P | 20010213 | 200453 | B |
| | | | US 2001268656 | P | 20010214 | | |
| | | | US 200271615 | A | 20020205 | | |
| | | | US 2003718004 | A | 20031120 | | |

Priority Applications (no., kind, date): US 2001268538 P 20010213; US 2001268656 P 20010214; US 200271615 A 20020205; US 2003718004 A 20031120

**Alerting Abstract** US A1

NOVELTY - The system has a portal (150) accepting event request **data** from a **client** and a service **data** validation worker (123) validating the request. A service router (152) receives the request, routes it to a dispatcher (110) that hands it to a handler (120) which in turn invokes tasks-specific workers. A worker utility is invoked to process the request, when the dispatcher, and handler receive the request.

DESCRIPTION - The validation process done by the worker (123) are checking the syntax of the event request, checking the completeness of the event request and checking the address consistency of the event request. An INDEPENDENT CLAIM is also included for a computer-implemented acquisition method.

USE - Used for multiple client product service e.g. credit or charge card product, travel, cable, Internet, financial planning service, reward program, telephone, utility, online brokerage, saving and checking account service.

ADVANTAGE - The system facilitates global **data** validation for multiple **clients by** a task specific worker, thereby eliminating the need for each client to develop, operate and maintain a separate infrastructure. The service data validation worker facilitates data validation, which further facilitates decision and fulfillment.

DESCRIPTION OF DRAWINGS - The drawing shows a credit card application process.
100 Acquisition system
110 Dispatcher
123 Service data validation worker
150 Portal
152 Service router

**Title Terms** /Index Terms/Additional Words: ACQUIRE; SYSTEM; MULTIPLE; CLIENT; PRODUCT; SERVICE; TRAVEL; WORK; UTILISE; INVOKE; HANDLE; PROCESS; EVENT; REQUEST; DISPATCH; RECEIVE

**Dialog eLink:** <u>Order File History</u>
28/5/5 (Item 4 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0010877174 *Drawing available*
WPI Acc no: 2001-496876/200154
**Web content management method of company wide Internet website, involves storing extensible markup language file containing relationships between objects and element comprising objects in global database**
Patent Assignee: BIMSON A (BIMS-I); CHYUNG J (CHYU-I); GOPAKUMAR M (GOPA-I); KUNTE K (KUNT-I); MIRANDA L (MIRA-A); RAO S (RAOS-I); SARKAR B (SARK-I); AMERICAN EXPRESS TRAVEL RELATED SERVICES (AMXA)
Inventor: BIMSON A; BIMSON A S; CHYUNG J; CHYUNG J A; GOPAKUMAR M; KUNTE K; KUNTE K P ; **MIRANDA L**; RAO S; RAO S A; SARKAR B

| | Patent Family ( 7 patents, 93 countries ) | | | | | | |
|---|---|---|---|---|---|---|---|
| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
| WO 2001055910 | A2 | 20010802 | WO 2001US2524 | A | 20010125 | 200154 | B |
| US 20010034748 | A1 | 20011025 | US 2000178456 | P | 20000127 | 200170 | E |
| | | | US 2001769887 | A | 20010125 | | |
| AU 200134574 | A | 20010807 | AU 200134574 | A | 20010125 | 200174 | E |
| TW 501034 | A | 20020901 | TW 2001101705 | A | 20010411 | 200334 | E |
| AU 2001234574 | A8 | 20051006 | AU 2001234574 | A | 20010125 | 200612 | E |
| US 7293230 | B2 | 20071106 | US 2000178456 | P | 20000127 | 200774 | E |
| | | | US 2001769887 | A | 20010125 | | |
| US 20080034285 | A1 | 20080207 | US 2000178456 | P | 20000127 | 200812 | E |
| | | | US 2001769887 | A | 20010125 | | |
| | | | US 2007871979 | A | 20071013 | | |

Priority Applications (no., kind, date): US 2000178456 P 20000127; US 2001769887 A 20010125; US 2007871979 A 20071013

**Alerting Abstract** WO A2
NOVELTY - A web content page having objects defining the web content is created. The relationships between objects on web content page and elements comprising objects is defined. An extensible markup language (XML) file incorporating the relationship definitions is generated and stored in a single database globally accessible by an user.
DESCRIPTION - An INDEPENDENT CLAIM is also included for web content managing system.
USE - For managing web content of company wide Internet website.
ADVANTAGE - By utilizing extensible markup language, the need of expanding the database to collect new data is avoided and the amount of data analysis while searching is reduced.
DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the network architecture system using web content management.

**Title Terms** /Index Terms/Additional Words: WEB; CONTENT; MANAGEMENT; METHOD; COMPANY; WIDE; STORAGE; EXTEND; LANGUAGE; FILE; CONTAIN; RELATED; OBJECT; ELEMENT; COMPRISE; GLOBE; DATABASE

## III. <u>Text Search Results from Dialog</u>

### A. Full-Text Databases

```
File  20:Dialog Global Reporter 1997-2010/Mar 04
        (c) 2010 Dialog
File  15:ABI/Inform(R) 1971-2010/Mar 03
        (c) 2010 ProQuest Info&Learning
File 610:Business Wire 1999-2010/Mar 04
        (c) 2010 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
        (c) 1999 Business Wire
File 613:PR Newswire 1999-2010/Mar 04
        (c) 2010 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
        (c) 1999 PR Newswire Association Inc
File 634:San Jose Mercury  Jun 1985-2010/Feb 28
        (c) 2010 San Jose Mercury News
File 624:McGraw-Hill Publications 1985-2010/Mar 03
        (c) 2010 McGraw-Hill Co. Inc
File   9:Business & Industry(R) Jul/1994-2010/Mar 04
        (c) 2010 Gale/Cengage
File 275:Gale Group Computer DB(TM) 1983-2010/Jan 25
        (c) 2010 Gale/Cengage
File 621:Gale Group New Prod.Annou.(R) 1985-2010/Jan 14
        (c) 2010 Gale/Cengage
File 636:Gale Group Newsletter DB(TM) 1987-2010/Jan 29
        (c) 2010 Gale/Cengage
File  16:Gale Group PROMT(R) 1990-2010/Mar 04
        (c) 2010 Gale/Cengage
File 160:Gale Group PROMT(R) 1972-1989
        (c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2010/Mar 04
        (c) 2010 Gale/Cengage
File 348:EUROPEAN PATENTS 1978-201009
        (c) 2010 European Patent Office
File 349:PCT FULLTEXT 1979-2010/UB=20100225|UT=20100218
        (c) 2010 WIPO/Thomson
```

```
Set     Items   Description
S1    1731030   (AUTO OR AUTOMAT? OR INSTANT? OR DYNAMIC? OR IMMEDIAT? OR
INTERACTIV? OR ON(1W)FLY OR (REAL OR ACTUAL)()TIME OR REALTIME OR SIMULTANEOUS?)
(15N) (MATCH? OR IDENTIFY??? OR IDENTIFIE? OR RECOGNI? OR DISCERN??? OR DETECT???
OR FIND??? OR SEARCH? OR QUERY?)

S2     151568   S1 (5N) (IDENTIFICATION? ? OR ID OR IDENTIFIER? ? OR ACCOUNT? ? OR
NAME? ? OR NUMBER? ? OR KEYSTROKE? ? OR TERMINAL? ? OR COMPUTER? ? OR PC OR
DESKTOP? ? OR WORKSTATION? ? OR (INTERNET()PROTOCOL OR IP OR NETWORK)()ADDRESS?? OR
USERNAME? ? OR PASSWORD? ?)

S3      30415   S2 (5N) (PURCHASER OR PURCHASERS OR BUYER OR BUYER OR CONSUMER OR
CONSUMERS OR SUBSCRIBER OR SUBSCRIBERS OR CLIENT OR CLIENTS OR CUSTOMER OR
CUSTOMERS OR USER OR USERS OR MEMBER OR MEMBERS OR VISITOR OR VISITORS OR PERSON OR
PEOPLE OR SHOPPER OR SHOPPERS OR APPLICANT OR APPLICANTS)
```

```
S4      27107   (AUTO OR AUTOMAT? OR INSTANT? OR DYNAMIC? OR IMMEDIAT? OR
INTERACTIV? OR ON(1W)FLY OR (REAL OR ACTUAL)()TIME OR REALTIME OR SIMULTANEOUS?)
(5N) (EXPORT??? OR SEND??? OR TRANSFER? OR COPY??? OR COPIES OR TRANSMIT? OR
CONVEY??? OR RELAY??? OR FORWARD??? OR FILL???()(IN OR OUT) OR COMPLET? OR FINISH?
OR SHARE? ? OR SHARING)

S5      62593   (PURCHASER OR PURCHASERS OR BUYER OR BUYER OR CONSUMER OR CONSUMERS
OR SUBSCRIBER OR SUBSCRIBERS OR CLIENT OR CLIENTS OR CUSTOMER OR CUSTOMERS OR USER
OR USERS OR MEMBER OR MEMBERS OR VISITOR OR VISITORS OR PERSON OR PEOPLE OR SHOPPER
OR SHOPPERS OR APPLICANT OR APPLICANTS OR YOUR OR PAYMENT OR PERSONAL) (5N)
(INFORMATION OR INFO OR DATA OR CONTENT? ? OR RECORD? ? OR FACT? ? OR FIELD? ?)

S6      38790   (SECOND? OR PLURAL? OR SEPARATE OR DISCRETE OR DISTINCT OR ANOTHER
OR DIFFERENT OR OTHER OR ADDITIONAL OR NEXT OR PROCED? OR PROCEED?) (3N)
(APPLICATION? ? OR FORM? ? OR PAGE? ? OR WEBPAGE? ? OR DOCUMENT? ? OR ORDERFORM? ?
OR HTML OR HYPER()TEXT()MARKUP()LANGUAGE OR FORMATTED(2N)(DISPLAY OR DISPLAYS))

S7        432   AU=(KHANDROS, Y? OR KHANDROS Y? OR KHANDROS (1N) (Y OR YELENA) OR
MIRANDA, L? OR MIRANDA L? OR MIRANDA (1N) (L OR LORRAINE) OR BERLIN, S? OR BERLIN
S? OR BERLIN (1N) (S OR SUZANNE) OR OKERLUND, R? OR OKERLUND R? OR OKERLUND (1N) (R
OR RANDY) OR BERTUCCI, R? OR BERTUCCI R? OR BERTUCCI (1N) (R OR RHONDA) OR GLENN,
G? OR GLENN G? OR GLENN (1N) (G OR GREGORY))

S8      247736  IC=G06F
S9         794   S4(N) S5
S10         45   S9 (5N) FIELD? ?
S11         23   S10 (S) (S1 OR S2 OR S3 OR S6)
S12         16   S11 FROM 348,349
S13          8   S12 NOT AY>2003
S14          7   S11 NOT S12
S15          5   RD  (unique items)
S16         92   S9 (5N) (FORM? ? OR APPLICATION? ?)
S17         87   S16 NOT (S13 OR S15)
S18         65   S17 FROM 348,349
S19         45   S18 NOT AY>2003
S20         18   S19 (S) (S1 OR S2 OR S3 OR S6)
S21         22   S17 NOT S18
S22         22   S21 NOT PY>2003
S23         10   RD  (unique items)
S24          0   S23 (S) (S1 OR S2 OR S3 OR S6)
S25          0   S7 AND S9
S26         26   S13 OR S20
S27         15   S15 OR S23
```

**Dialog**
**eLink:** Order File History

26/3K/5
(Item 5 from file: 348)
00815688

**METHOD AND APPARATUS FOR ROUTING CONFIDENTIAL**

**INFORMATION**
METHODE UND SYSTEM FUR DIE

LEITWEGLENKUNG VERTRAULICHER INFORMATION
DISPOSITIF

ET PROCEDE D'ACHEMINEMENT D'INFORMATIONS CONFIDENTIELLES

**Patent Assignee:**

- **Wink Communications, Inc.** (2233230)
  1001 Marina Village Parkway;
- Alameda, CA 94501 (US)
  (Proprietor designated states: all)

**Inventor:**

- **DOUGHERTY, Brian, P.**
  122 Lawrence Road; Alameda, CA 94502;
- (US)
- 
- **DEL SESTO, Eric, E.**
  1082 Armitage Street; Alameda, CA 94502;
- (US)

**Legal Representative:**

- **Liesegang, Roland, Dr.-Ing. (7741)**
  FORRESTER & BOEHMERT
- Pettenkoferstrasse 20-22; 80336 Munchen; (DE)

|  | Country | Number | Kind | Date |  |
|--------|---------|---------|------|----------|---------|
| Patent | EP | 823181 | A1 | 19980211 | (Basic) |
|  | EP | 823181 | B1 | 20020724 |  |
|  | WO | 9634494 |  | 19961031 |  |
| Application | EP | 96911675 |  | 19960409 |  |
|  | WO | 96US4904 |  | 19960409 |  |
| Priorities | US | 429109 |  | 19950426 |  |

**Designated States:**
DE; FR;

GB

**International Patent Class (V7):** H04N-007/173
**NOTE:** No
A-document published by EPO

**Language** Publication: English
Procedural:         English
Application:        English

| Fulltext Availability Available Text | Language | Update | Word Count |
|--------------------------------------|----------|--------|------------|
| CLAIMS B | (English) | 200230 | 947 |
| CLAIMS B | (German) | 200230 | 867 |
| CLAIMS B | (French) | 200230 | 1069 |
| SPEC B | (English) | 200230 | 13969 |
| Total Word Count (Document A) 0 |  |  |  |
| Total Word Count (Document B) 16852 |  |  |  |
| Total Word Count (All Documents) 16852 |  |  |  |

**Specification:** ...to be communicated to a proper vendor via an interactive information system without requiring the user to send confidential information over unsecure communication lines. An **interactive** information system application is assigned an application **identifier** which is transmitted to the **user** with the **interactive** information system application. The application **identifier** is sent to a response collector, which performs the function described below, along with routing information to describe the routing of responses to a vendor who will process them. A **user** may be assigned one or more **identifiers**, one corresponding to the **user** equipment used to send and receive **interactive** information, and another **identifier** to allow the **identification** of a specific individual if more than one individual will use the user equipment. These identifiers and other information, including confidential information such as a... ...are provided to a response collector for use as described below. If desired, the response collector may verify the information, such as ensuring that the **user**'s stated address **matches** the credit card billing address. An **interactive** information system application containing the application **identifier** is broadcast to the **user.** To submit a response such as an order using the **interactive** information system application, the **user** instructs the **interactive** information system to transmit the application **identifier,** one or more **user identifiers** and other response information such as model number and quantity to a response collector over a communication line. Because no confidential information is sent, inexpensive... ...The response collector assembles the user's information including confidential information and sends it to the vendor via the routing information associated with the application **identifier.** Because only the application **identifier** is sent to the **user,** the system is compatible with low-bandwidth transports, yet **automatically** routes **user** responses to a vendor for processing. Some responses do not include the **user identifiers** to allow **users** to send anonymous responses via the **interactive** information system. A Brief Description of the Drawings

**Dialog**
**eLink:** Order File History
26/3K/11 (Item 6 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT
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reserved.

00880926


**ACCESSING LEGACY APPLICATIONS FROM THE**

**INTERNET**
ACCES A DES APPLICATIONS PARTAGEES SUR

L'INTERNET



**Patent Applicant/Patent Assignee:**

- **INTERNATIONAL BUSINESS MACHINES CORPORATION**
  New Orchard Road,
- Armonk, NY 10504; US; US(Residence); US(Nationality)
- 
- **IBM UNITED KINGDOM LIMITED**
  P.O. Box 41, North Harbour,
- Portsmouth, Hampshire PO6 3AU; GB; GB(Residence); GB(Nationality); (Designated
- only for: MG)

**Inventor(s):**

- **GUNGABEESOON Satish**
  91 Spring Blossom Crescent, Markham, Ontario
- L6C 1X4; CA

**Legal Representative:**

- **WALDNER Philip (agent)**
  IBM United Kingdom Limited, Intellectual
- Property Law, Hursley Park, Winchester, Hampshire SO21 2JN; GB

|  | Country | Number | Kind | Date |
|---|---|---|---|---|
| Patent | WO | 200215006 | A1 | 20020221 |
| Application | WO | 2001GB3315 | | 20010723 |
| Priorities | CA | 2316003 | | 20000814 |

```
Designated States:
(Protection type is "Patent" unless otherwise stated - for applications
prior to 2004)
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,
BR, BY, BZ, CA,
CH, CN, CO, CR, CU, CZ,
DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD,
GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP,
KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,

LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NO, NZ, PL, PT, RO, RU, SD, SE,
SG, SI,
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ,
VN, YU, ZA,
ZW

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT;
LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ;
GW;
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD;
SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;
```

**Detailed Description:**

...viewed as a method for executing a computer application installed on a computer,
comprising the steps of converting a plurality of display files of the **application**
to a **plurality** of XML-based network pages capable of displaying the application's
dynamic data; creating a servlet instance in a server connected to the computer
on... ...in the computer for the application's dynamic data; creating an endpoint
connection between the servlet instance and a network publishing component on the
computer; **transmitting**the **dynamic data** back and forth from the **client** to the
**application** throughthe servlet instance; creating data objects and populating the
dataobjects with the dynamic data; updating at least one network page using the
data... ...to the client over the Internet; and transmitting network pages having
responsive data from the

client to server for transmission as input data to the **application**.

Yet, **another** aspect of the invention is a method of interacting with a computer application, comprising: executing a  legacy computer application in its native environment; redirecting I...

**Dialog**
**eLink:** Order File History
26/3K/19 (Item 14 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

00784134

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A**

**CONSTANT CLASS COMPONENT IN A BUSINESS LOGIC SERVICES PATTERS**

**ENVIRONMENT**
SYSTEME, PROCEDE ET ARTICLE

MANUFACTURE UN COMPOSANT DE CLASSE DE CONSTANTE DANS UN ENVIRONNEMENT DE SCHEMAS

DE SERVICES DE LOGIQUE D'AFFAIRES

**Patent Applicant/Patent Assignee:**

- **ACCENTURE LLP**
  1661 Page Mill Road, Palo Alto, CA 94304; US;
- US(Residence); US(Nationality)

**Inventor(s):**

- **BOWMAN-AMUAH Michel K**
  6426 Peak Vista Circle, Colorado Springs,

- CO 80918; US

**Legal Representative:**

- **HICKMAN Paul L (agent)**
  Oppenheimer Wolff & Donnelly LLP,
- Suite 3800, 2029 Century Park East, Los Angeles, CA 90067-3024; US

|  | Country | Number | Kind | Date |
|---|---|---|---|---|
| Patent | WO | 200116726 | A2-A3 | 20010308 |
| Application | WO | 2000US24188 |  | 20000831 |
| Priorities | US | 99387213 |  | 19990831 |

**Designated States:**
(Protection type is "Patent" unless otherwise stated - for applications
prior to 2004)
AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY,
CA, CH, CN, CU,
CZ, DE, DK, EE, ES, FI,
GB, GE, GH, GM, HR, HU, ID, IL, IS, JP,
KE, KG,
KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ,

PL, PT, RO, RU, SD, SE, SG, SI, SK, SL,
TJ, TM, TR, TT, UA, UG, UZ, VN,
YU, ZW

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE;
IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW;
ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL;

SZ; TZ;
UG; ZW;

**[EA]** AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Language** Publication Language: English
Filing Language:               English
Fulltext word count:           150446

**Detailed Description:**

...such as range or format checks.

Mapping Support – eliminate the need for applications to communicate directly with
the windowing system; rather, applications retrieve or display **data** by
**automatically copying** the **contents** of a window's **fields** to a copybook structure in
memory. These Services may also be used to automate the merging of application data
with pre-defined electronic form templates...represent the most stable elements of
the business, while process-centric Business Components represent the most
volatile.

Encapsulating and separating these elements contributes to the **application**'s
overall maintainability.

To manage the complexity of a large problem, it must be divided into smaller,
coherent parts.

Partitioned Business Components provide an excellent...

**Dialog**
**eLink:** Order File History
26/3K/25 (Item 20 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT
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reserved.

00351981

**METHOD AND APPARATUS FOR ROUTING CONFIDENTIAL INFORMATION**
DISPOSITIF ET PROCEDE

D'ACHEMINEMENT D'INFORMATIONS CONFIDENTIELLES

Patent Applicant/Patent Assignee:

- WINK COMMUNICATIONS INC

Inventor(s):

- DOUGHERTY Brian P

- 
- DEL SESTO Eric E

|  | Country | Number | Kind | Date |
|---|---|---|---|---|
| Patent | WO | 9634494 | A1 | 19961031 |
| Application | WO | 96US4904 | | 19960409 |
| Priorities | US | 95429109 | | 19950426 |

**Designated States:**
(Protection type is "Patent" unless otherwise stated - for applications
prior to 2004)
AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA,
CH, CN, CZ, DE,
DK, EE, ES, FI, GB, GE,
HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR,
LS, LT,
LU, LV, MD, MG, MK, MN, MW, MX,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,

SK, TJ, TM, TR, TT, UA, UG, UZ, VN, KE,
LS, MW, SD, SZ, UG, AM, AZ, BY,
KG, KZ,
MD, RU, TJ, TM, AT, BE, CH, DE, DK, ES,
FI, FR, GB, GR, IE, IT,
LU, MC, NL, PT,
SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,
MR, NE, SN, TD,

TG

**Detailed Description:**

...to be communicated to a proper vendor via an interactive information system
without requiring the user to send confidential information over unsecure
communication lines.

An **interactive** information system application is assigned an application **identifier**
which is transmitted to the **user** with the **interactive** information system
application. The application **identifier** is sent to a response collector, which
performs the function described below, along with routing information to describe
the routing of responses to a vendor who will process them, A **user** may be assigned
one or more **identifiers**, one corresponding to the **user** equipment used to send and
receive **interactive** information, and another **identifier** to allow the **identification**
of a specific individual if more than one individual will use the user equipment.
These identifiers and other information, including confidential information such as
a... ...collector via an interactive information system for use as described below.
If desired, the response collector may verify the information, such as ensuring
that the **user**'s stated address **matches** the credit card billing address.

An **interactive** information system application containing the application **identifier**
is broadcast to the **user**. To submit a response such as an order using the
**interactive** information system application, the **user** instructs the **interactive**
information system to transmit the application **identifier**, one or more **user**
**identifiers** and other response information such as model number and quantity to a
response collector over a communication line. Because no confidential information
is sent, inexpensive... ...The response collector assembles the user's information
including confidential information and sends it to the vendor via the routing
information associated with the application **identifier**. Because only the
application **identifier** is sent to the **user**, the system is compatible with low-
bandwidth transports, yet **automatically** routes **user** responses to a vendor for
processing.  Some responses do not include the **user identifiers**  to allow **users** to
send anonymous responses via the **interactive** information system.

27/3,K/1 (Item 1 from file: 20)
DIALOG(R)File 20: Dialog
Global Reporter
(c) 2010 Dialog. All rights
reserved.

42842953 **(USE FORMAT 7 OR 9 FOR**
**FULLTEXT)**
**PSO inaugurates online maintenance system**

BUSINESS RECORDER

June 11, 2005
**Journal Code:** WBRE
**Language:** English    **Record Type:** FULLTEXT
**Word Count:**
143


–
...system. The system has been developed by  ZAQSoft Private Limited. The
Executive Director Customer Services  PSO, Kalim Ahmed Siddiqui inaugurated
the system. The structure  combines **customer** relationship management
with **field automation** to  offer a **complete** online
fault **detection,** diagnosis, and resolution  system.
     As soon as a PSO outlet complaint is received on the toll-free
number, the number is recognised by the system...




27/3,K/2 (Item 2 from file: 20)
DIALOG(R)File 20: Dialog
Global Reporter

08506215 **(USE FORMAT 7 OR 9 FOR
FULLTEXT)**
**Insight Ships French Version of Zip Up The
Web(TM) Pro**

PR NEWSWIRE

December 02, 1999
**Journal Code:** WPRW
**Language:** English    **Record Type:** FULLTEXT
**Word Count:**
844


–
...that can be archived and/or emailed. When emailing, Zip Up The Web Pro
automatically attaches the .exe file to the users default MAPI email
**application.** Internet **users** can **share** current
**information instantly.** An exact Web page or an entire site
can be sent to a co-worker, friend or family member for off line viewing
instead of...




27/3,K/3 (Item 3 from file: 20)
DIALOG(R)File 20: Dialog

Global Reporter

08152755 **(USE FORMAT 7 OR 9 FOR
FULLTEXT)**
**SBT and WorkWise Deliver Business Robot**


PR NEWSWIRE

November 09, 1999
**Journal Code:** WPRW
**Language:** English    **Record Type:** FULLTEXT
**Word Count:**
550

(USE
FORMAT 7 OR 9 FOR FULLTEXT)
...to and extension of SBT Executive Series," said Frank Klenner, president
and CEO of Micro Accounting Systems, a leading SBT Value Added Reseller
(VAR). "My **clients** want their critical business **information**
**shared automatically** with the right **people** and the
right **applications** within the organization. WorkWise DAS makes this
happen."
        Distribution and Pricing
        SBT software is sold exclusively through an authorized channel of
VARs. WorkWise software is...




27/3,K/5 (Item 1 from file: 15)
DIALOG(R)File 15:
ABI/Inform(R)

03104352            1082361541

**Using Ajax to Empower Dynamic Searching**


Wusteman, Judith; O'hlceadha, Padraig

Information Technology & Libraries
  v25n2  pp:
57-64
Jun 2006
**ISSN:**
0730-9295  **Journal Code:** JLA
**Word Count:**
5202
**Text:**
...reduced level of investment that users must make before they achieve any
return from the system should encourage them to experiment, hence promoting
enactive learning.

* **Auto**-completion

In order to provide **instant** feedback to the **user**, the
**search**-terms field and the subject field use Ajax to **auto**
-complete **user** entries. Figure 3 illustrates the result of typing
Smith in the **search**-terms field. A list is **automatically**
dropped down that itemizes all **matches** and the **number** of
their occurrences. **Users** select the term they want, the entire field
is **automatically** completed, and a **search** is triggered.

The ARC system denormalizes some of the harvested data before saving them
in its database. For example, it merges all the author fields...

27/3,K/6 (Item 2 from file: 15)
DIALOG(R)File 15:
ABI/Inform(R)

00621466          92-36568

**Network and System Automation and Remote System Operation**

Irlbeck, B. William

IBM Systems Journal
v31n2  pp: 206-222

1992
**ISSN:** 0018-8670  **Journal Code:**
ISY
**Word Count:** 7330
**Text:**
...that receives structured data records across the MS transport and
ensures that they are scanned against the NetView automation table for
possible automation. The generic **automation** receiver enables a
**user** to **send data** from an **application** in a
local or remote node to NetView automation without creating a specific
receiving application. This ability eliminates the need to explicitly
develop a program...

27/3,K/7 (Item 1 from file: 810)
DIALOG(R)File 810:
Business Wire

0350030
  BW724

**FUJITSU :**
**Fujitsu DeskTop Conferencing provides real-time conferencing for**
**Lotus Notes users; Fujitsu Networks Industry becomes Lotus Notes professional**
**developer**

August 9, 1993

**Byline:** Business Editors and Computer
Writers
...Lotus Notes.
    The combination of Fujitsu DeskTop Conferencing and Lotus Notes
delivers a sophisticated workgroup computing solution that enables
workgroups to conduct long-distance meetings, **share** business
**applications**, and present **information simultaneously.**
    DeskTop Conferencing enables **users** to **share** any screen,
Windows-based information or applications in real-time as if they were
sitting in the same room.  Multiple users may participate in a...

27/3,K/8 (Item 1 from file: 9)
DIALOG(R)File 9: Business
& Industry(R)

03668819
 Supplier Number: 132971225 **(USE FORMAT 7 OR 9**
**FOR FULLTEXT)**
**EXPERIAN ADDS QUICKADDRESS TO DATA MANAGEMENT**
**SYSTEM.**

CardLine , v 5 , n 22 ,
p 1
June 03, 2005
**Document Type:** Electronic
Journal; News Brief  ( United States )
**Language:** English
 **Record Type:** Fulltext
**Word Count:** 157

**TEXT:**
...firms capture accurate customer information by saving keystrokes and
preventing data errors as call center agents enter the information. The
software uses a proprietary address **searching** mechanism that
validates **names** and addresses and **fills in data**
**fields automatically.** Once a **customer's**
**information** is accurately entered into a database, Experian's Data
Management software provides continuous updating and maintenance of the
information, Experian says. The software also provides...

27/3,K/9 (Item 2 from file: 9)
DIALOG(R)File 9: Business
& Industry(R)

00807352
 Supplier Number: 23358306 **(USE FORMAT 7 OR 9**
**FOR FULLTEXT)**
**Amoco Refines 'Pets' Project**
**( Amoco develops Project Evaluation Tool Set (Pets) to perform preliminary**
**engineering and design, cost estimation, economic evaluation, project scheduling,**
**and risk analysis )**

Information Week , n
555 , p 44+
November 27, 1995
**Document Type:**
Journal  **ISSN:** 8750-6874  ( United States )

**Language:** English  **Record Type:** Fulltext
**Word**
**Count:** 1185 **(USE FORMAT 7 OR 9 FOR**
**FULLTEXT)**


**TEXT:**
...displaying geographic information.

At The Heart

Perhaps the most critical piece of Pets is the object-oriented middleware
code developed by Technomation. The middleware allows **users** to
**instantly share information** across the network and
between **applications.** "The applications are so customized, you can't
see the boundaries between them" says Mike Brule, president of
Technomation.

MapInfo, for instance, serves as the...




27/3,K/11 (Item 1 from file: 636)
DIALOG(R)File 636: Gale
Group Newsletter DB(TM)

06037592    **Supplier Number:**
132971225 **(USE FORMAT 7 FOR FULLTEXT)**


**EXPERIAN ADDS QUICKADDRESS TO DATA MANAGEMENT SYSTEM.(Brief**

**Article)**
Cardline , v 5 , n 22 , p 1

June 3 , 2005
**Language:**
English     **Record Type:** Fulltext
**Article Type:**
Brief Article
**Document Type:** Newsletter ; Trade
**Word**
**Count:** 172
    **Supplier Number:**
(USE FORMAT 7 FOR FULLTEXT)


**Text:**
...firms capture accurate customer information by saving keystrokes and
preventing data errors as call center agents enter the information. The
software uses a proprietary address **searching** mechanism that
validates **names** and addresses and **fills in data**
**fields automatically.** Once a **customer**'s
**information** is accurately entered into a database, Experian's Data
Management software provides continuous updating and maintenance of the
information, Experian says. The software also provides...




27/3,K/13 (Item 2 from file: 16)
DIALOG(R)File 16: Gale
Group PROMT(R)
(c) 2010 Gale/Cengage. All rights reserved.

02767554
    **Supplier Number:** 43710510 **(USE**
**FORMAT 7 FOR FULLTEXT)**

**Products Let Users Replace 3270s**
**With Workstations**
CommunicationsWeek
, p 18
March 15 , 1993
**Language:**
English     **Record Type:** Fulltext
**Document Type:**
Newsletter ; Trade
**Word Count:** 620


–
...LANs, and will ship in May.
    The new software will let users replace multiple single-purpose
terminals with a single unit that can access multiple **applications**
**simultaneously,** letting **users** easily **share**
**information,** said Stephen King, director of marketing and
engineering at the company. Tektronix's TekXpress terminals can also be
less expensive than 3270 or 3179G terminals...

27/3,K/15 (Item 2 from file: 148)
DIALOG(R)File 148: Gale
Group Trade & Industry DB
(c) 2010 Gale/Cengage. All rights
reserved.

06441558     **Supplier Number:**
13677874 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**A personal trek into the world of wireless data.**


Stargardt, W. Wayne

Business Communications Review , v23 ,
n4 , p49(4)
April , 1993
ISSN: 0162-3885

**Language:** ENGLISH
**Record Type:** FULLTEXT; ABSTRACT

**Word Count:** 2854     **Line**
**Count:** 00240

...environment. To minimize the data sent over the radio link, the
application should send flags, codes and preformatted data rather than
English-language character streams.
     **Applications** should **send dynamic data** to
a mobile **user** workstation that can interpret the coded data and
manage the user interface locally with predefined screens. This implies an
intelligent workstation for the mobile user...

## IV. Text Search Results from Dialog

### A. Abstract Databases

```
File  35:Dissertation Abs Online 1861-2010/Jan
        (c) 2010 ProQuest Info&Learning
File 474:New York Times Abs 1969-2010/Mar 04
        (c) 2010 The New York Times
File 475:Wall Street Journal Abs 1973-2010/Mar 04
        (c) 2010 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
        (c) 2002 Gale/Cengage
File  65:Inside Conferences 1993-2010/Mar 04
        (c) 2010 BLDSC all rts. reserv.
File  99:Wilson Appl. Sci & Tech Abs 1983-2010/Dec
        (c) 2010 The HW Wilson Co.
File   2:INSPEC 1898-2010/Feb W3
        (c) 2010 The IET
File 256:TecTrends 1982-2010/Feb W4
        (c) 2010 Info.Sources Inc. All rights res.
File 350:Derwent WPIX 1963-2010/UD=201014
        (c) 2010 Thomson Reuters
File 347:JAPIO Dec 1976-2009/Nov(Updated 100228)
        (c) 2010 JPO & JAPIO
```

```
Set      Items    Description
S1      548104    (AUTO OR AUTOMAT? OR INSTANT? OR DYNAMIC? OR IMMEDIAT? OR
INTERACTIV? OR ON(1W)FLY OR (REAL OR ACTUAL)()TIME OR REALTIME OR SIMULTANEOUS?)
(15N) (MATCH? OR IDENTIFY??? OR IDENTIFIE? OR RECOGNI? OR DISCERN??? OR DETECT???
OR FIND??? OR SEARCH? OR QUERY?)

S2       53396    S1 (5N) (IDENTIFICATION? ? OR ID OR IDENTIFIER? ? OR ACCOUNT? ? OR
NAME? ? OR NUMBER? ? OR KEYSTROKE? ? OR TERMINAL? ? OR COMPUTER? ? OR PC OR
DESKTOP? ? OR WORKSTATION? ? OR (INTERNET()PROTOCOL OR IP OR NETWORK)()ADDRESS?? OR
USERNAME? ? OR PASSWORD? ?)

S3        6372    S2 (5N) (PURCHASER OR PURCHASERS OR BUYER OR BUYER OR CONSUMER OR
CONSUMERS OR SUBSCRIBER OR SUBSCRIBERS OR CLIENT OR CLIENTS OR CUSTOMER OR
CUSTOMERS OR USER OR USERS OR MEMBER OR MEMBERS OR VISITOR OR VISITORS OR PERSON OR
PEOPLE OR SHOPPER OR SHOPPERS OR APPLICANT OR APPLICANTS)

S4      269827    (AUTO OR AUTOMAT? OR INSTANT? OR DYNAMIC? OR IMMEDIAT? OR
INTERACTIV? OR ON(1W)FLY OR (REAL OR ACTUAL)()TIME OR REALTIME OR SIMULTANEOUS?)
(5N) (EXPORT??? OR SEND??? OR TRANSFER? OR COPY??? OR COPIES OR TRANSMIT? OR
CONVEY??? OR RELAY??? OR FORWARD??? OR FILL???()(IN OR OUT) OR COMPLET? OR FINISH?
OR SHARE? ? OR SHARING)

S5      669476    (PURCHASER OR PURCHASERS OR BUYER OR BUYER OR CONSUMER OR CONSUMERS
OR SUBSCRIBER OR SUBSCRIBERS OR CLIENT OR CLIENTS OR CUSTOMER OR CUSTOMERS OR USER
OR USERS OR MEMBER OR MEMBERS OR VISITOR OR VISITORS OR PERSON OR PEOPLE OR SHOPPER
OR SHOPPERS OR APPLICANT OR APPLICANTS) (5N) (INFORMATION OR INFO OR DATA OR
CONTENT? ? OR RECORD? ? OR FACT? ? OR FIELD? ?)
```

S6     656111   (SECOND? OR PLURAL? OR SEPARATE OR DISCRETE OR DISTINCT OR ANOTHER
OR DIFFERENT OR OTHER OR ADDITIONAL OR NEXT OR PROCED? OR PROCEED?) (3N)
(APPLICATION? ? OR FORM? ? OR PAGE? ? OR WEBPAGE? ? OR DOCUMENT? ? OR ORDERFORM? ?
OR HTML OR HYPER()TEXT()MARKUP()LANGUAGE OR FORMATTED(2N)(DISPLAY OR DISPLAYS))

S7      998   AU=(KHANDROS, Y? OR KHANDROS Y? OR KHANDROS (1N) (Y OR YELENA) OR
 MIRANDA, L? OR MIRANDA L? OR MIRANDA (1N) (L OR LORRAINE) OR BERLIN, S? OR BERLIN
S? OR BERLIN (1N) (S OR SUZANNE) OR OKERLUND, R? OR OKERLUND R? OR OKERLUND (1N) (R
OR RANDY) OR BERTUCCI, R? OR BERTUCCI R? OR BERTUCCI (1N) (R OR RHONDA) OR GLENN,
G? OR GLENN G? OR GLENN (1N) (G OR GREGORY))

S8    1649943   IC=G06F
S9       1244   S3 AND S4
S10       836   S9 AND S5
S11        84   S10 AND S6
S12        84   S11 FROM 350,347
S13        43   S12 NOT AY>2003
S14      4957   S4 (5N) S5
S15        17   S13 AND S14
S16       322   S10 AND S14
S17       320   S16 FROM 350,347
S18         2   S16 NOT S17
S19      5745   S2 AND S4
S20      1558   S19 AND S5
S21      1536   S20 FROM 350,347
S22        22   S20 NOT S21
S23        20   S22 NOT S18
S24        20   RD  (unique items)
S25        13   S24 NOT PY>2003
S26         0   S7 AND S4
S27       998   S7 AND S7
S28         5   S27 AND S5

0016069124 *Drawing available*
WPI Acc no: 2006-600755/200662
Related WPI Acc No: 2000-147871; 2000-147872; 2000-182788; 2000-223699; 2003-656977; 2003-707685; 2003-707787;
2003-800109; 2003-842356; 2003-842375; 2003-851225; 2003-862885; 2003-874287; 2003-895560; 2004-030743; 2004-
560265; 2004-781939
XRPX Acc No: N2006-483941
**Phone card revaluing method for universal interactive advertising and payment system, involves transmitting
information relating to user account to universal server for transferring funds between user account and phone card**
Patent Assignee: USA TECHNOLOGIES INC (USTE-N)
Inventor: KOLLS H B

| Patent Family ( 1 patents, 1 countries ) | | | | | | | |
| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
| --- | --- | --- | --- | --- | --- | --- | --- |
| US 7089209 | B1 | 20060808 | US 199893475 | P | 19980720 | 200662 | B |
| | | | US 1999293129 | A | 19990416 | | |
| | | | US 1999293358 | A | 19990416 | | |
| | | | US 1999335327 | A | 19990617 | | |
| | | | US 2000599078 | A | 20000622 | | |

Priority Applications (no., kind, date): US 199893475 P 19980720; US 1999293129 A 19990416; US 1999293358 A
19990416; US 1999335327 A 19990617; US 2000599078 A 20000622

**Alerting Abstract US B1**
NOVELTY - Several transaction data are retrieved and communicated to a universal server having access to **user**
identification **information**, responsive to detecting that a phone card is inserted into a card reader. The transaction **data** is
processed based on **user identification information** retrieved based on **dynamic identification** interchange within universal
server to **identify user account**. An **information** relating to **user** account is transmitted to universal server from remote
location for transferring funds between user account and phone card.
USE - For universal interactive advertising and payment system used for vending of public access electronic commerce and
business related products and services.
ADVANTAGE - An electronic mail (e-mail), electronic commerce (e-commerce) and e-business transactions are conducted
efficiently with virtual companies by distributing and displaying interactive advertisements. The billing for the use of
vending equipments is also controlled efficiently.
DESCRIPTION OF DRAWINGS - The figure shows a flowchart explaining transaction routing routine.

**Title Terms** /Index Terms/Additional Words: TELEPHONE; CARD; METHOD; UNIVERSAL; INTERACT ;
ADVERTISE; PAY; SYSTEM; TRANSMIT; INFORMATION; RELATED; USER; ACCOUNT; SERVE; TRANSFER;
FUND

0014583223 *Drawing available*

WPI Acc no: 2004-765185/200475
XRPX Acc No: N2004-603647
**Computer system access controlling method, involves causing identification server to supply profile information to client computer based on user's identity, and obtaining access to computer applications**
Patent Assignee: BYRAGANI B Y (BYRA-I); HO C (HOCC-I); SHAH P (SHAH-I); TING D M T (TING-I); IMPRIVATA INC (IMPR-N)
Inventor: BYRAGANI B Y; HO C; SHAH P; TING D M T

| Patent Family ( 2 patents, 1 countries ) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
| US 20040205176 | A1 | 20041014 | US 2003395043 | A | 20030321 | 200475 | B |
| US 7660880 | B2 | 20100209 | US 2003395043 | A | 20030321 | 201011 | E |

Priority Applications (no., kind, date): US 2003395043 A 20030321

**Alerting Abstract** US A1
NOVELTY - The method involves storing profile **information** of a **user** in connection with server-based applications on an identification server communicating with a client over a computer network. The user is identified and the server is caused to supply the **information** to a **client** computer. An access to computer applications is obtained using the **information** on the **client** computer.
DESCRIPTION - An INDEPENDENT CLAIM is also included for a system for controlling access by a user operating a client computer to server-based applications communicating with the client over a computer network.
USE - Used for controlling an access to a computer system.
ADVANTAGE - The method facilitates access to the applications that can easily accommodate an introduction of new computer applications into a large computing environment.
DESCRIPTION OF DRAWINGS - The drawing shows a flow chart of a process to authenticate a user to applications using a client-resident profile and a single-sign-on server.

**Title Terms** /Index Terms/Additional Words: COMPUTER; SYSTEM; ACCESS; CONTROL; METHOD; CAUSE; IDENTIFY; SERVE; SUPPLY; PROFILE; INFORMATION; CLIENT; BASED; USER; OBTAIN; APPLY

**Dialog eLink:** Order File History
15/5/4 (Item 4 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0014412908 *Drawing available*
WPI Acc no: 2004-602889/200458
XRPX Acc No: N2004-476849
**Double-entry bookkeeping implementing method for internet based accounting system, involves creating dummy record set for temporarily balancing record set group for protecting database files from recording single entry**
Patent Assignee: LEE H M (LEEH-I)
Inventor: LEE H M

| Patent Family ( 1 patents, 1 countries ) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
| US 20040148233 | A1 | 20040729 | US 2003686314 | A | 20031015 | 200458 | B |

Priority Applications (no., kind, date): HK 2003100701 A 20030128

**Alerting Abstract** US A1
NOVELTY - Depending on features of working pages, one of record set among debit or credit record set is created as subject

`S` and other as object `O`. Additional transaction data in the same record set is updated and new record set `O` is created to constitute double entry journal. A dummy record set for temporarily balancing the record set groups is created for protecting database files from recording single entry.

DESCRIPTION - A **user** interface having **data** capturer and processor which composes `AR, AP, Rec, Pay, TT, JJ` working pages is created for performing or capturing data transactions. Record set groups with at least two record sets one for recording credit data and another for recording debit data are created automatically after capturing data. One of record sets is created as subject `S` and other as object `O`, each of the record sets group comprise only one subject and many number of objects. According to the specific procedures, the amount is posted into debit field or posted into the credit field of each record set. Any additional transaction data in the same set is simultaneously updated and new record set `O` is created to constitute double entry journal. A dummy record set is created for temporarily balancing the record set groups for protection of database files from recording single entry or disordered journal entries. A new record set `E` is created for recording data resulting from exchange difference derived between the adoption of book rate and transaction rate according to account types involving the record sets `S,O`. Thus, the double entry journal is converted into voucher form, which is fad back to the general purpose computer on real time basis. A double entry journal consisting of record sets group is stored. The **record** sets comprise identification **fields** of **user**'s identity and **user**'s business unit, account codes, input amount, currency, the converted amount in local currency. The record sets groups is stored and updated in the from on double entry journal into the designated database file in one stoke **immediately** after each processing. The **identification fields** are **recognized** for the **user**'s access right and limitations set by the program on the usage of database file. Financial reports are sent by analyzing each of journal records on reception of reporting command and user's identity.

USE - For implementing double-entry bookkeeping for internet based accounting system for multinational companies.

ADVANTAGE - The dummy record set is automatically deleted by the program to ensure all processed data stored into the database are double entry journals while complying with the total-debit-equal-total-credit rule.

DESCRIPTION OF DRAWINGS - DESCRIPTION OF DRAWING - The figure shows the block diagram explaining mechanism of bookkeeping and accounting information system working in parallel to online web based communications.

0013138454
WPI Acc no: 2003-220733/200321
XRPX Acc No: N2003-176147
**Relationship establishment method for automated services, involves storing client billing information and presenting list of services/goods for selection, if client is not registered**
Patent Assignee: CLIFTON K A (CLIF-I); HOHENBERGER J L (HOHE-I); TENANT TRACKER INC (TENA-N)
Inventor: CLIFTON K A; HOHENBERGER J L

| Patent Family ( 2 patents, 1 countries ) | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Patent Number** | **Kind** | **Date** | **Application Number** | **Kind** | **Date** | **Update** | **Type** |
| US 20030004820 | A1 | 20030102 | US 2001894599 | A | 20010627 | 200321 | B |
| US 6983044 | B2 | 20060103 | US 2001894599 | A | 20010627 | 200604 | E |

Priority Applications (no., kind, date): US 2001894599 A 20010627

**Alerting Abstract** US A1
NOVELTY - The client is presented with options of services/goods usually selected by the clients, if the client is registered in the client database. If the client does not select the usual services/goods, a separate list is presented for receiving and processing new requests. If the client is not registered, the **client** billing **information** is stored and a list of services/goods is presented to the client for selection.
USE - For establishing relationship for providing automated services/goods through telephone or Internet.
ADVANTAGE - The regular clients can be easily identified and new clients can also be quickly register and provided with efficient goods/service transaction.

Title Terms /Index Terms/Additional Words: RELATED; ESTABLISH; METHOD; AUTOMATIC; SERVICE; STORAGE; CLIENT; BILL; INFORMATION; PRESENT; LIST; GOODS; SELECT; REGISTER

0012787168 *Drawing available*
WPI Acc no: 2002-642434/200269
Related WPI Acc No: 2002-424574
XRPX Acc No: N2002-507789
**Online career websites querying method for resume management, involves submitting respective query strings formed from filled-in site-specific fields of each career website with mapped user information, to career websites**
Patent Assignee: INDIVIDUAL SOFTWARE INC (INDI-N); WANG L (WANG-I); WIENS K (WIEN-I); ZHAO Z (ZHAO-I)
Inventor: WANG L; WIENS K; ZHAO Z

| Patent Family ( 2 patents, 1 countries ) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
| US 20020091689 | A1 | 20020711 | US 1999146658 | P | 19990802 | 200269 | B |
| | | | US 2000626428 | A | 20000727 | | |
| | | | US 200129519 | A | 20011221 | | |
| US 6757674 | B2 | 20040629 | US 200129519 | A | 20011221 | 200443 | E |

Priority Applications (no., kind, date): US 1999146658 P 19990802; US 2000626428 A 20000727; US 200129519 A 20011221

**Alerting Abstract** US A1
NOVELTY - A collected **user information** is mapped to site-specific fields of each career website. The site-specific fields are **automatically filled in** with the mapped information. Respective query strings are formed from the filled in site-specific fields and submitted to the corresponding career websites.
DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

1. Computer-readable **recorded** medium storing career websites **querying** program;
2. **Career** websites **querying** system;
3. Job **searching method**; and
4. **Automatic user's resume** submitting method.


USE - For querying several career websites, used for listing jobs, resume management, for providing personal job search agent, chat and message boards, privacy options, expert advice and carrier management, through single interface.
ADVANTAGE - Enables one click searching, and enables entering search criteria specific to each career website for more powerful searching all within one interface.
DESCRIPTION OF DRAWINGS - The figure shows the flowchart explaining the process for allowing users to query multiple career website.

Title Terms /Index Terms/Additional Words: METHOD; RESUME; MANAGEMENT; SUBMIT; RESPECTIVE; QUERY;

STRING; FORMING; FILLED; SITE; SPECIFIC; FIELD; MAP; USER; INFORMATION

0012477805 *Drawing available*
WPI Acc no: 2002-424574/200245
Related WPI Acc No: 2002-642434
XRPX Acc No: N2002-333767
**Multiple career web sites querying method in Internet, involves filling site-specific fields of career web sites with mapped user information and submitting respective query strings to corresponding career web sites**
Patent Assignee: INDIVIDUAL SOFTWARE INC (INDI-N)
Inventor: WANG L; WIENS K; ZHAO Z

Patent Family ( 1 patents, 1 countries )

| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
|---|---|---|---|---|---|---|---|
| US 6363376 | B1 | 20020326 | US 1999146658 | P | 19990802 | 200245 | B |
| | | | US 2000626428 | A | 20000727 | | |

Priority Applications (no., kind, date): US 1999146658 P 19990802; US 2000626428 A 20000727

**Alerting Abstract** US B1
NOVELTY - The site-specific fields of the career web sites are automatically filled with the mapped **user information**. Respective query strings are formed from filled-in site-specific fields of the career web sites and submitted to the corresponding career web sites.
DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

    A. Computer readable medium storing **multiple** career web sites **querying** program;
    B. Multiple career **website querying** system;
    C. Job **search** method;
    D. **Automatic user**'s resume submission method

USE - For querying multiple career web sites in Internet for job listings, resume management, personal job search agents, chat and message boards, privacy options, expert advice and career management.
ADVANTAGE - The resume application allows a user to search for jobs easily by submitting resumes to multiple career web sites using an interface of resume application.
DESCRIPTION OF DRAWINGS - The figure shows a flowchart explaining multiple career web sites querying method.

**Title Terms** /Index Terms/Additional Words: MULTIPLE; WEB; SITE; METHOD; FILL; SPECIFIC; FIELD; MAP; USER; INFORMATION; SUBMIT; RESPECTIVE; QUERY; STRING; CORRESPOND

0011036266 *Drawing available*
WPI Acc no: 2001-662339/200176
XRPX Acc No: N2001-493422
**Computer-based job application information obtaining method involves transmitting application information to computer based on prompts from computer connected through the telecommunication link**
Patent Assignee: JOB FILES CORP (JOBF-N)
Inventor: OGDEN E W

| Patent Family ( 1 patents, 1 countries ) | | | | | | | |
|------|------|------|------|------|------|------|------|
| **Patent Number** | **Kind** | **Date** | **Application Number** | **Kind** | **Date** | **Update** | **Type** |
| US 6311164 | B1 | 20011030 | US 1997736 | A | 19971230 | 200176 | B |

Priority Applications (no., kind, date): US 1997736 A 19971230

| Patent Details | | | | | |
|------|------|------|------|------|------|
| **Patent Number** | **Kind** | **Lan** | **Pgs** | **Draw** | **Filing Notes** |
| US 6311164 | B1 | EN | 16 | 5 | |

**Alerting Abstract US B1**
NOVELTY - A telecommunication link (122) is provided between an applicant and a computer system and then identity information is transmitted to the computer. A series of prompts are presented to the applicant sequentially, related to a job from the computer. The application **information** is sent by the **applicant** to the computer based on prompts and the received information is stored in memory, such that it is associated with identity information.
DESCRIPTION - An INDEPENDENT CLAIM is also included for computer implemented job application information obtaining apparatus.
USE - For receiving and processing job application **information** from remote **applicants** using telecommunication system.
ADVANTAGE - The need for filling written forms or accommodating applicant's schedule to the company or company personnel is avoided. A situation of discouraging the applicant is avoided. Reduces need for preparing application forms and training personal interviewers, time, resource expenditure involved in job **application procedure**. The delay in data entry or processing is reduced and accurate indication of applicant response time is provided. The risk of high qualified applicant of taking another job before interviewing is completely reduced. The system provides other **information** services in addition to the **applicant**.
DESCRIPTION OF DRAWINGS - The figures show the schematic block diagram of job application system and flowchart depicting job **application procedure**.
122 Telecommunication link

**Title Terms** /Index Terms/Additional Words: COMPUTER; BASED; JOB; APPLY; INFORMATION; OBTAIN; METHOD; TRANSMIT; PROMPT; CONNECT; THROUGH; TELECOMMUNICATION; LINK


18/5/1 (Item 1 from file: 2)
DIALOG(R)File 2: INSPEC

06621549
**Title:   Matchmaking for information agents**
**Author(s):**  Kuokka, D.; Harada, L.
**Author Affiliation:**  Lockheed Palo Alto Res. Lab., CA, USA
**Book Title:**  IJCAI-95. Proceedings of the Fourteenth International Joint Conference on Artificial Intelligence
**Inclusive Page Numbers:**   672-8 vol.1
**Publisher:**   Morgan Kaufmann Publishers,  San Mateo, CA
**Country of Publication:**   USA
**Publication Date:**   1995
**Conference Title:**   Proceedings of International Joint Conference on Artificial Intelligence

**Conference Date:** 20-25 Aug. 1995
**Conference Location:** Montreal, Que., Canada
**Conference Sponsor:** Int. Joint Conferences on Artificial Intelligence American Assoc. Artificial Intelligence Canadian Soc. Computational Studies of Intelligence Soc. Canadienne pour l'etude de l'intelligence par ordinateur
**Editor(s):** Mellish, C.S.
**Part:** vol.1
**Number of Pages:** 2 vol. (xxx+xiii+2077)
**Language:** English
**Document Type:** Conference Paper (PA)
**Treatment:** Practical (P)

**Abstract:** Factors such as the massive increase in information available via electronic networks and the advent of virtual distributed workgroups for commerce are placing severe burdens on traditional methods of information sharing and retrieval. Matchmaking proposes an intelligent facilitation agent that accepts machine-readable requests and advertisements from **information consumers** and providers, and determines potential **information** sharing paths. We argue that **matchmaking** permits large **numbers** of **dynamic consumers** and providers, operating on rapidly-changing data, to share information more effectively than via current methods. This paper introduces matchmaking, as enabled by knowledge sharing standards like KQML, and describes the SHADE and COINS matchmaker implementations. The utility and initial results of matchmaking are illustrated via example scenarios in engineering and **consumer information** retrieval  ( *16 refs.*)

**Subfile(s):** C (Computing & Control Engineering)
**Descriptors:** groupware; software agents
**Identifiers:** information agents; matchmaking; intelligent facilitation agent; **information sharing; dynamic consumers;** knowledge **sharing** standards; KQML; SHADE; COINS; information retrieval
**Classification Codes:** C6130G (Groupware); C6170 (Expert systems and other AI software and techniques)
**INSPEC Update Issue:** 1997-026

18/5/2 (Item 2 from file: 2)
DIALOG(R)File 2: INSPEC

01727258
**Title:** Truss influence lines on a time sharing system
**Author(s):** Fleming, J.F.; Shah, A.P.
**Author Affiliation:** Univ. Pittsburgh, PA, USA
**Journal:** Computers and Structures , vol.4 , no.5 , pp.933-50
**Country of Publication:** UK
**Publication Date:** Oct. 1974
**ISSN:** 0045-7949
**CODEN:** CMSTCJ
**Language:** English
**Document Type:** Journal Paper (JP)
**Treatment:** Application (A); Theoretical or Mathematical (T)

**Abstract:** A **computer** program is presented for **finding** influence lines for plane truss **member** forces on a time **sharing** system. The program is **interactive**; requesting **data** from the **user** as needed. The output con consist of either printed influence line ordinates on a printing terminal of plotted influence lines on a graphic terminal  ( *0 refs.*)

**Subfile(s):** C (Computing & Control Engineering)
**Descriptors:** engineering applications of computers; stress analysis; time-sharing systems
**Identifiers:** truss influence lines; time sharing system; computer program; plane truss member forces; interactive; printing terminal; plotted; graphic terminal
**Classification Codes:** C7440 (Civil and mechanical engineering computing)
**INSPEC Update Issue:** 1975-002

25/5/1 (Item 1 from file: 583)
DIALOG(R)File 583: Gale Group Globalbase(TM)

06416488
**Asia Information launched online information search**

HONG KONG: TAILORED INFORMATION
HK Economic Times ( XKH )   14 Jan 1997   p.A10
**Language:** CHINESE

Hong Kong's Asia Information Co (translated name) will launch a Customised Clipping service in the first quarter of 1997, to help **subscribers** finding their wanted **information** on Internet. **Customers** only indicate what **information** they want, when to receive, how to receive (through email or by fax) and the company's **computer** system will **send** information **automatically**. The company will charge HK$1 for each successful **search**. Customers also have to pay additional HK$8 to HK$200 depending the length and the nature of information they request. *

**Company:** ASIA INFORMATION CO
**Event:** General Management Services (26);
**Country:** Hong Kong (9HON);


25/5/2 (Item 1 from file: 2)
DIALOG(R)File 2: INSPEC

08597234
**Title:**   Scalable and dynamic grouping of continual queries
**Author(s):**   Khan, S.; Mott, P.L.
**Author Affiliation:**   Sch. of Comput., Univ. of Leeds, UK
**Book Title:**   Advances in Information Systems. Second International Conference, ADVIS 2002. Proceedings (Lecture Notes in Computer Science Vol.2457)
**Inclusive Page Numbers:**   31-42
**Publisher:**   Springer-Verlag,  Berlin
**Country of Publication:**   Germany
**Publication Date:**   2002
**Conference Title:**   Advances in Information Systems. Second International Conference, ADVIS 2002. Proceedings
**Conference Date:**   23-25 Oct. 2002
**Conference Location:**   Izmir, Turkey
**Editor(s):**   Yakhno, T.
**ISBN:**   3 540 00009 7
**Number of Pages:**   xii+436
**Language:**   English
**Document Type:**   Conference Paper (PA)
**Treatment:**   Theoretical or Mathematical (T)
**Abstract:**   Continual queries (CQs) allow **users** to receive new **information** as it becomes available. CQ systems need to support a large number of CQs due to the scale of the Internet. One approach to this problem is to group CQs so that they share their computation on the assumption that many CQs have similar structure. Grouping queries optimizes the evaluation of queries by executing common operations in the group of queries just once. However, traditional grouping techniques are not suitable for CQs because their grouping raises new issues. We propose a scalable and dynamic CQ grouping technique. Our grouping strategy is incremental in that it scales to a large number of queries. It also re-groups existing grouped queries dynamically to maintain the effectiveness of groups   ( *19 refs.*)
**Subfile(s):**   C (Computing & Control Engineering)
**Descriptors:**   distributed databases; Internet; query processing
**Identifiers:**   scalable grouping; **dynamic** grouping; continual queries; Internet; computation **sharing**; **query** grouping;

optimized **query** evaluation; incremental grouping strategy; large **query number**
**Classification Codes:**  C6160D (Relational databases); C4250 (Database theory)
**INSPEC Update Issue:**  2003-016
**Copyright:**  2003, IEE

08431739
**Title:  Learning new user formulations in automatic directory assistance**
**Author(s):**  Popovici, C.; Andorno, M.; Laface, P.; Fissore, L.; Nigra, M.; Vair, C.
**Author Affiliation:**  Politecnico di Torino, Italy
**Book Title:**  2002 IEEE International Conference on Acoustics, Speech, and Signal Processing. Proceedings (Cat. No.02CH37334)
**Inclusive Page Numbers:**  I-17-20 vol.1
**Publisher:**  IEEE, Piscataway, NJ
**Country of Publication:**  USA
**Publication Date:**  2002
**Conference Title:**  Proceedings of International Conference on Acoustics, Speech and Signal Processing (CASSP02)
**Conference Date:**  13-17 May 2002
**Conference Location:**  Orlando, FL, USA
**Conference Sponsor:**  IEEE Signal Process. Soc
**ISBN:**  0 7803 7402 9
**U.S. Copyright Clearance Center Code:**  0-7803-7402-9/02/$17.00
**Medium:**  Also available on CD ROM in PDF format
**Item Identifier (DOI):**  10.1109/ICASSP.2002.1005664
**Part:**  vol.1
**Number of Pages:**  4 vol.civ+4194
**Language:**  English
**Document Type:**  Conference Paper (PA)
**Treatment:**  Practical (P); Experimental (X)
**Abstract:**  Telecom Italia has deployed since the beginning of year 2001 a nationwide automatic directory assistance (DA) system that routinely serves customers asking for residential and business listings. DA for business listings is a challenging task: one of its main problems is that customers formulate their requests for the same listing with a great variability. Since it is difficult to reliably predict a priori the user formulations, in this paper we propose a procedure for detecting, from **field data, user** formulations that were not foreseen by the designers. These formulations can be added, as variants, to the denominations already included in the system to reduce its failures. We show that using a large database associating phonetic transcriptions of user utterances with the telephone **number** provided by the **automatic** service, a **completely** unsupervised approach **detects** most of the old formulations. Furthermore, our procedure is able to filter a huge amount of calls routed to the operators, and to detect a limited number of phonetic strings that are good candidates to be included as new formulation variants in the system vocabulary  ( *5 refs.* )
**Subfile(s):**  B (Electrical & Electronic Engineering); C (Computing & Control Engineering)
**Descriptors:**   information retrieval systems; speech processing; speech recognition; telecommunication computing; telephony; very large databases
**Identifiers:**   user formulations; automatic directory assistance; Telecom Italia; business listings; large database; phonetic transcriptions; unsupervised approach; **information** filter; phonetic string detection; **user** utterances
**Classification Codes:**   B6130E (Speech recognition and synthesis); B6210D (Telephony); C5260S (Speech processing techniques ); C7410F (Communications computing); C1250C (Speech recognition); C7250 (Information storage and retrieval)
**INSPEC Update Issue:**  2002-043
**Copyright:**  2002, IEE

08042419
**Title:  Software compression in the client/server environment**
**Author(s):**  Factor, M.; Sheinwald, D.; Yassour, B.-A.
**Author Affiliation:**  IBM Res. Lab., Haifa, Israel
**Inclusive Page Numbers:**  233-42
**Publisher:**  IEEE Comput. Soc, Los Alamitos, CA
**Country of Publication:**  USA
**Publication Date:**  2001
**Conference Title:**  Proceedings DCC 2001. Data Compression Conference
**Conference Date:**  27-29 March 2001
**Conference Location:**  Snowbird, UT, USA
**Conference Sponsor:**  Brandeis Univ. IEEE Comput. Soc. Tech. Committee on Comput. Commun. (TCCC)
**Editor(s):**  Storer, J.A.  Cohn, M.
**ISBN:**  0 7695 1031 0
**U.S. Copyright Clearance Center Code:**  1068-0314/2001/$10.00
**Item Identifier (DOI):**  10.1109/DCC.2001.917154
**Number of Pages:**  xii+533
**Language:**  English
**Document Type:**  Conference Paper (PA)
**Treatment:**  Theoretical or Mathematical (T); Experimental (X)
**Abstract:**  Lempel-Ziv (1977) based compression algorithms are universal, not assuming any prior knowledge of the file to be compressed or its statistics. Accordingly, the reference dictionary of these textual substitution compression algorithms includes only segments of the already-processed portion of the file. It is often the case, though, that both, compressor and decompressor, even when they reside on different sites, share knowledge of files (e.g., devices managed by a server, or software customers holding older releases of products). For such cases, we suggest the addition of shared files to the reference dictionary. Preferably, files to be included are those which resemble the file to be compressed. Such an extension of the reference dictionary lengthens the matches found while compressing the file, and thus lessens the **number** of matches needed to cover the file. We found that with a careful selection (which can be **automated**) of the **shared** files to be included, the advantage of the decrease in the number of matches overwhelms the disadvantage of the increase in the number of bits needed to express the index of each match in the extended dictionary. Altogether, compression attainable by our proposed scheme can be significantly better than with the original Lempel-Ziv dictionary. Maintaining and searching a dictionary that is much larger than the original Lempel-Ziv dictionary demand strong computational resources and suits off-line more than on-line compression. We thus conclude that in the client/server environment, where shared files commonly exist, and the server enjoys extensive computational resources, the scheme suggested is advantageous for transferring files from the server to its clients  ( 7 refs.)
**Subfile(s):**  B (Electrical & Electronic Engineering); C (Computing & Control Engineering)
**Descriptors:**  **client**-server systems; computer communications software; **data** compression
**Identifiers:**  software compression; client/server environment; Lempel-Ziv based compression algorithms; reference dictionary; textual substitution compression algorithms; compressor; decompressor; shared files; file compression; extended dictionary; Lempel-Ziv dictionary; off-line compression
**Classification Codes:**  B6210L (Computer communications); B6140 (Signal processing and detection); C5620 (Computer networks and techniques); C6130 (Data handling techniques); C6155 (Computer communications software); C5260 (Digital signal processing)
**INSPEC Update Issue:**  2001-037
**Copyright:**  2001, IEE

07497923
**Title:** A new high-speed burst transfer architecture DBTN: dynamic burst transfer time-slot-base network
**Author(s):** Shiomoto, K.; Yamanaka, N.

**Author Affiliation:** NTT Network Service Syst. Labs., Musashino , Japan

**Abstract:** This paper proposes a new high-speed network architecture DBTN ( **dynamic** burst **transfer** time-slot-base network), which is based on circuit-switched network technology. A routing tag is attached to a burst at an ingress edge node and the burst is self-routed in a DBTN network by creating a circuit **dynamically**. The routing tag, which is called time-slots-relay, is a series of link **identifiers** to the destination. The time-slots-relay consists of link identifiers from the ingress to the egress nodes and is used to create the circuit. Subsequent data is switched over the circuit being created in an **on**-the- **fly** fashion. A link **identifier** in the time-slots-relay is unique within each node. Each link identifier is loaded into address control memory (ACM) of each circuit-switched transit node, and the circuit to the destination is established. Subsequent **user data** follows **immediately** after the time-slots-**relay** and is sent over the established circuit. Thus short-lived fairly large data transfers like WWW traffic are efficiently carried. A circuit between adjacent nodes is created and released dynamically so bandwidth efficiency is improved compared with conventional circuit-switched networks. Time division multiplexing of the circuit-switched network is utilized so there is no delay jitter or loss. We address the performance of DBTN switches and report on the implementation of the system   ( 15 refs.)

**Subfile(s):** B (Electrical & Electronic Engineering); C (Computing & Control Engineering)
**Descriptors:** circuit switching; data communication; information resources; Internet ; telecommunication control; telecommunication network routing; telecommunication traffic
**Identifiers:** high-speed burst **transfer** architecture; DBTN; **dynamic** burst **transfer** time-slot-base network; circuit-switched network; routing tag; edge node; self-routing; time-slots-relay; link identifiers; address control memory; WWW traffic; data transfers; bandwidth efficiency; performance
**Classification Codes:** B6210L (Computer communications); B6150P (Communication network design, planning and routing); B6150C (Communication switching); C5620W ( Other computer networks)
**INSPEC Update Issue:** 2000-006

25/5/6 (Item 5 from file: 2)
DIALOG(R)File 2: INSPEC

07386323
**Title:** Dynamic burst transfer time-slot-base network
**Author(s):** Shiomoto, K.; Yamanaka, N.

**Author Affiliation:** NTT Network Service Syst. Labs., Japan

Publisher: IEEE
Country of Publication: USA
Publication Date: Oct. 1999
ISSN: 0163-6804
SICI: 0163-6804(199910)37:10L.88:DBTT;1-1
CODEN: ICOMD9
U.S. Copyright Clearance Center Code: 0163-6804/99/$10.00
Item Identifier (DOI): 10.1109/35.795595
Language: English
Document Type: Journal Paper (JP)
Treatment: Application (A); New Development (N); Practical (P); Experimental (X)

Abstract: This article proposes a new high-speed network architecture called **dynamic** burst **transfer** time-slot-base network (DBTN). The DBTN network is based on circuit-switched network technology. A routing tag is attached to a burst at an ingress edge node and the burst is self-routed in a DBTN network, the circuit of which is created dynamically by the routing tag. The routing tag, which is called time-slots-relay, consists of link identifiers from the ingress to the egress nodes and is used to create the circuit. Subsequent data is switched over the circuit being created in an **on**-the-**fly** fashion. Each link **identifier** is loaded into the address control memory (ACM) of each circuit switching node, and thereby the circuit to the destination is created dynamically. Subsequent **user data** follows **immediately** after the time-slots- **relay** and is sent over the established circuit. Thus short-lived fairly large data transfers such as WWW traffic are efficiently carried. A circuit between adjacent nodes is created and released dynamically so bandwidth efficiency is improved compared with conventional circuit-switched networks. Time division multiplexing of the circuit-switched network is utilized so there is no delay jitter or loss within a burst. We address the performance of DBTN switches and report the experimental system ( *10 refs.*)
Subfile(s): B (Electrical & Electronic Engineering)
Descriptors: circuit switching; data communication; information resources; telecommunication network routing; telecommunication traffic
Identifiers: circuit-switched network technology; routing tag; high-speed network architecture; **dynamic** burst **transfer** time-slot-base network; ingress edge node; self-routed burst; time-slots-relay; link identifiers; egress nodes; address control memory; circuit switching node; **user data**; WWW traffic; bandwidth efficiency; time division multiplexing; DBTN switches; experimental system
Classification Codes: B6150C (Communication switching); B6150P (Communication network design, planning and routing)
INSPEC Update Issue: 1999-042
Copyright: 1999, IEE


25/5/7 (Item 6 from file: 2)
DIALOG(R)File 2: INSPEC
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06348615
Title: **Integrating information via matchmaking**
Author(s): Huokka, D.; Harada, L.
Author Affiliation: Lockheed Palo Alto Res. Lab., CA, USA
Journal: Journal of Intelligent Information Systems: Integrating Artificial Intelligence and Database Technologies , vol.6 , no.2-3 , pp.261-79
Publisher: Kluwer Academic Publishers
Country of Publication: Netherlands
Publication Date: June 1996
ISSN: 0925-9902
SICI: 0925-9902(199606)6:2/3L.261:IIM;1-R
CODEN: JIISEH
U.S. Copyright Clearance Center Code: 0925-9902/96/$8.50
Language: English
Document Type: Journal Paper (JP)
Treatment: Practical (P)

**Abstract:** Trends such as the massive increase in information available via electronic networks, the use of on-line product data by distributed concurrent engineering teams, and dynamic supply chain integration for electronic commerce are placing severe burdens on traditional methods of information sharing and retrieval. Sources of information are far too numerous and dynamic to be found via traditional **information** retrieval methods, and potential **consumers** are seeing increased need for automatic notification services. Matchmaking is an approach based on emerging information integration technologies whereby potential producers and **consumers of information** send messages describing their information capabilities and needs. These descriptions, represented in rich, machine-interpretable description languages, are unified by the matchmaker to identify potential matches. Based on the matches, a variety of information brokering services are performed. We introduce **matchmaking**, and argue that it permits large **numbers of dynamic** consumers and providers, operating on rapidly-changing data, to share information more effectively than via traditional methods. Two matchmakers are described, the SHADE matchmaker, which operates over logic-based and structured text languages, and the COINS matchmaker, which operates over free text. These matchmakers have been used for a variety of applications, most significantly, in the domains of engineering and electronic commerce. We describe our experiences with the SHADE and COINS matchmaker, and we outline the major observed benefits and problems of matchmaking  ( *19 refs.* )
**Subfile(s):**  C (Computing & Control Engineering); E (Mechanical & Production Engineering)
**Descriptors:**  business data processing; concurrent engineering; information needs; information networks; information retrieval
**Identifiers:**  information integration; matchmaking; electronic networks; on-line product data; distributed concurrent engineering teams; dynamic supply chain integration; electronic commerce; information **sharing**; information retrieval; information sources; **automatic** notification services; information capabilities; information needs; message sending; machine-interpretable description languages; **information** brokering services; dynamic **information consumers;** dynamic **information** providers; rapidly-changing **data;** SHADE matchmaker; COINS matchmaker
**Classification Codes:**  **C7220** (Generation, dissemination, and use of information); C7210 ( Information services and centres); C7250 (Information storage and retrieval ); C7190 (Other fields of business and administrative computing); E0410F ( Business applications of IT )
**INSPEC Update Issue:**  1996-033
**Copyright:**  1996, IEE


25/5/8 (Item 7 from file: 2)
DIALOG(R)File 2: INSPEC

05595529
**Title:  An artificially intelligent-human interface for test/diagnosis**
**Author(s):**  Kirkland, L.V.
**Author Affiliation:**  OO-ALC/TISA, Hill AFB, UT, USA
**Inclusive Page Numbers:**  335-7
**Publisher:**  IEEE, New York, NY
**Country of Publication:**  USA
**Publication Date:**  1992
**Conference Title:**  Conference Record AUTOTESTCON '92. The IEEE Systems Readiness Technology Conference (Cat. No.92CH3148-4)
**Conference Date:**  21-24 Sept. 1992
**Conference Location:**  Dayton, OH, USA
**Conference Sponsor:**  IEEE
**ISBN:**  0 7803 0643 0
**Item Identifier (DOI):**  10.1109/AUTEST.1992.270092
**Number of Pages:**  xxx+463
**Language:**  English
**Document Type:**  Conference Paper (PA)
**Treatment:**  Practical (P)
**Abstract:**  The author discusses artificial intelligence (AI) applications for the human interface of the test/diagnosis environment. The human interface can contain speech recognition, understanding, and response and visual perception of the test environment. The areas of focus for the human interface are described. The intelligent diagnostic functions available at

the human interface provide **complete automated** test/diagnostic data entry and evaluation to the human. The human interface of the AI system is a **multimedia** environment. The integrated AI system promises to facilitate ease in long term support. This is accomplished by moving the **information** domain into a **user-oriented** configuration. What specifically happened to a unit when it failed will determine the repair action. Expert know-how will reside in a usable knowledge sharing domain. Arbitrary testing-diagnosing philosophies will no longer exist. Only the part(s) which is defective will be tested and repaired ( *2 refs.*)

**Subfile(s):** B (Electrical & Electronic Engineering); C (Computing & Control Engineering)
**Descriptors:** artificial intelligence; **automatic** test equipment; **computer** vision; knowledge based systems; speech **recognition**; user interfaces
**Identifiers:** hypermedia; artificially intelligent-human interface; test/diagnosis; speech recognition; understanding; response; visual perception; AI; multimedia environment; user-oriented configuration; repair; knowledge sharing domain
**Classification Codes:** B7210B (Computerised instrumentation ); C7410H (Computerised instrumentation ); C6170 (Expert systems and other AI software and techniques); C1230 (Artificial intelligence); C5260B (Computer vision and image processing techniques); C6180 (User interfaces)
**INSPEC Update Issue:** 1994-004
**Copyright:** 1994, IEE

25/5/9 (Item 8 from file: 2)
DIALOG(R)File 2: INSPEC

05406702
**Title: Dynamic knowledge nets in a changing building process**
**Author(s):** Christiansson, P.
**Author Affiliation:** Lund Inst. of Technol., Lund Univ., Sweden
**Journal:** Automation in Construction , vol.1 , no.4 , pp.307-22
**Country of Publication:** Netherlands
**Publication Date:** March 1993
**ISSN:** 0926-5805
**CODEN:** AUCOES
**Language:** English
**Document Type:** Journal Paper (JP)
**Treatment:** Practical (P)
**Abstract:** Hypotheses and explanation models are put forward about the future global structure, manipulation and **transfer** of knowledge. The so called **dynamic** knowledge nets, DKN, are defined and used to explain changes for the next generation of computerized communication and knowledge handling systems. More and more powerful tools become available to model and visualize different parts of our reality. These tools will influence possibilities to create useful models and will also have a great impact on how these models are integrated and accessed. Behind the interfaces dwell more and more capable integrated knowledge representations which are closely related to pertinent search strategies. It is possible in a changing building process to create models which bring about a clearer and more obvious connection between the applications, our intentions and the computer stored models. The systems being formulated today may thus provide dramatically better communication tools as communication rooms, personal `telescreens', and virtual realities. New tools for building, using and maintaining the next generation systems have been and are continuously created and tested at the KBS-MEDIA LAB (knowledge based systems-media) at Lund University. Examples of ongoing research are material and vendor information and building maintenance systems as well as decision support at the building site. These systems can be described as multi agent environments with multimedia context dependent **user** interfaces to underlying **facts** bases ( *18 refs.*)
**Subfile(s):** C (Computing & Control Engineering)
**Descriptors:** building; civil engineering computing; knowledge based systems; multimedia systems; technological forecasting; virtual reality
**Identifiers:** explanation models; future global structure; **dynamic** knowledge nets; DKN; computerized communication; knowledge handling systems; useful models; integrated knowledge representations; pertinent **search** strategies; changing building process; **computer** stored models; communication tools; communication rooms; telescreens; virtual realities; next generation systems; KBS-MEDIA LAB; knowledge based systems-media; vendor information; building maintenance systems; decision support; multi agent environments; multimedia context dependent **user** interfaces; underlying **facts** bases

Classification Codes: C7440 (Civil and mechanical engineering computing); C6170 (Expert systems and other AI software and techniques); C6160Z (Other DBMS); C6180 ( User interfaces)
INSPEC Update Issue: 1993-019

25/5/10 (Item 9 from file: 2)
DIALOG(R)File 2: INSPEC

05082311
**Title: The practice management workstation: providing incentive across subgroups of users**
**Author(s):** Rabold, J.S.; Baysden, G.S.; Blunden, P.S.; Califf, R.M.; Fang, W.C.; Hammond, W.E.; Pryor, D.B.; Stead, W.W.
**Author Affiliation:** Duke Univ. Med. Center, Durham, NC, USA
**Inclusive Page Numbers:** 760-3
**Publisher:** IEEE Comput. Soc. Press, Los Alamitos, CA
**Country of Publication:** USA
**Publication Date:** 1990
**Conference Title:** Fourteenth Annual Symposium on Computer Applications in Medical Care. Standards in Medical Informatics. A Conference of the American Medical Informatics Association
**Conference Date:** 4-7 Nov. 1990
**Conference Location:** Washington, DC, USA
**Conference Sponsor:** IEEE
**Editor(s):** Miller, R.A.
**ISBN:** 0 8186 2106 0
**U.S. Copyright Clearance Center Code:** 0195-4210/90/0000/0760$01.00
**Number of Pages:** xxv+1084
**Language:** English
**Document Type:** Conference Paper (PA)
**Treatment:** Practical (P)
**Abstract:** One goal of integrated academic information management systems (IAIMS) is to provide a single source to information that is required to perform a task. The design of a function that integrates data from several sources is complicated because each **person** who is responsible for entering **information** into the shared resource must realize a benefit from the system in return for their participation. The implementation of an **automated** inpatient list as part of a practice management **workstation** demonstrated the importance of **identifying** a specific incentive for each subgroup of users in order to encourage the cooperation which benefits the total user community  ( *6 refs.*)
**Subfile(s):** C (Computing & Control Engineering)
**Descriptors:** executive workstations; medical administrative data processing
**Identifiers:** user subgroups; practice management workstation; incentive; integrated academic information management systems; **shared** resource; **automated** inpatient list; cooperation; user community
**Classification Codes:** C7140 (Medical administration); C5540 (Terminals and graphic displays)
**INSPEC Update Issue:** 1992-010

25/5/11 (Item 10 from file: 2)
DIALOG(R)File 2: INSPEC

02159372
**Title: Structure and implementation of a relational query language for the problem solver**
**Author(s):** Antonacci, F.; Dell'Orco, P.; Spadavecchia, V.N.; Turtur, A.

**Author Affiliation:** IBM Sci. Center, Bari, Italy
**Inclusive Page Numbers:** 351-8
**Publisher:** IEEE, New York, NY
**Country of Publication:** USA
**Publication Date:** 1977
**Conference Title:** Proceedings on very large data bases
**Conference Date:** 6-8 Oct. 1977
**Conference Location:** Tokyo, Japan
**Conference Sponsor:** ACM IEEE
**Number of Pages:** 570
**Language:** English
**Document Type:** Conference Paper (PA)
**Treatment:** Practical (P)

**Abstract:** AQL is a relational **query** language intended for use by the non **computer** specialist for **interactive** problem solving. It combines relational capabilities with the powerful computational facilities and control structures of the host programming language. A prototype version of AQL, that has been implemented, is reviewed. The relational memory system has been designed to minimize the data access operations necessary to process queries. The interpreter has a user friendly interface which allows the use of default options, synonyms and definitions for the domain names, inference, and a menu facility for **interactive completion** of the query  ( *14 refs.*)
**Subfile(s):** C (Computing & Control Engineering)
**Descriptors:** database management systems; problem oriented languages
**Identifiers:** implementation; relational **query** language; problem solver; AQL; non **computer** specialist; **interactive** problem solving; **data** access operations; **user** friendly interface
**Classification Codes:** C6120 (File organisation); C6140D (High level languages)
**INSPEC Update Issue:** 1978-003
**Copyright:** 1978, IEE


25/5/12 (Item 11 from file: 2)
DIALOG(R)File 2: INSPEC

01641660
**Title:  Automatic interrogation of varying call numbers [in telephone exchanges]**
**Author(s):** Kailing, A.
**Journal:** Fernmelde-Praxis , vol.51 , no.4 , pp.139-63
**Country of Publication:** West Germany
**Publication Date:** 25 Feb. 1974
**ISSN:** 0015-0118
**CODEN:** FEPXAP
**Language:** German
**Document Type:** Journal Paper (JP)
**Treatment:** Application (A)
**Abstract:** The author gives a block diagram of an **automatic** telephone exchange system for extension **number** interrogation. The rack mounting panel illustrated includes an **identifier**, call searcher, switching units, extension tester and extension switching relays. A description and illustration of the coupling units are included. Operation of the data processing section is performed by a Siemens 4004/45 with a core capacity of 512 kBytes and a cycle time of 0.96 muS for 2 Bytes. A block diagram shows the functioning of the program ANRUF assisted by multi- **user** operating system ASMUS and **data**-bank-system SESAM
**Subfile(s):** B (Electrical & Electronic Engineering); C (Computing & Control Engineering)
**Descriptors:** automatic telephone systems; communications applications of computers; communications applications of control; control engineering applications of computers; telephone exchanges
**Identifiers:** **automatic** interrogation; varying call **numbers**; telephone exchanges; extension **number** interrogation; call **searcher**; switching units; extension tester; extension switching **relays**; **automatic** telephone systems; ANRUF program; data bank system SESAM

Classification Codes: B6230B (Electronic switching systems and exchanges); C3370C (Control applications in telephony); C7410F (Communications computing); C7420 ( Control engineering computing)
INSPEC Update Issue: 1974-005
Copyright: 1974, IEE

25/5/13 (Item 12 from file: 2)
DIALOG(R)File 2: INSPEC
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01574178
**Title: SOLAR: A storage and on-line automatic retrieval system**
**Author(s):** Mitchell, P.C.; Rickman, J.T.; Walden, W.E.
**Author Affiliation:** US Dept. Justice, Washington, D.C., USA
**Journal:** Journal of the American Society for Information Sciences , vol.24 , no.5 , pp.347-58
**Country of Publication:** USA
**Publication Date:** Sept.-Oct. 1973
**ISSN:** 0002-8231
**CODEN:** AISJB6
**Language:** English
**Document Type:** Journal Paper (JP)
**Treatment:** Practical (P)
**Abstract:** SOLAR is an interactive storage and on-line automatic retrieval system which is operational at Washington State University. It can run continuously with virtually any mix of tasks in a general purpose computing environment. **Complete** document abstracts may be **interactively** reviewed on-line or printed off-line at the **searcher**'s request. SOLAR **simultaneously** supports up to 37 **data** bases and multiple **users** in an **interactive search** environment without a dedicated **computer** or even a large dedicated region of core  ( *22 refs.* )
**Subfile(s):** C (Computing & Control Engineering)
**Descriptors:** information retrieval systems; information storage
**Identifiers:** SOLAR; storage; automatic retrieval system; general purpose computing environment; document abstracts; online
**Classification Codes:** C7250 (Information storage and retrieval)
**INSPEC Update Issue:** 1973-010
**Copyright:** 1973, IEE

**V. Additional Resources Searched**

Financial Times FullText (via ProQuest): No relevant results.

Internet & Personal Computing Abstracts (via EBSCOhost): No relevant results.